

Public Health Reports

Treasury Department, United States Marine-Hospital Service. Published in accordance with act of Congress approved February 15, 1893.

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WASHINGTON, D. C., APRIL 14, 1899.

No. 15.

UNITED STATES.

Reservation for the treatment of tuberculous patients of the Marine-Hospital Service.

The following Executive order transfers to the Marine-Hospital Service a suitable site for the treatment of cases of tuberculosis; preparations will be immediately made for its occupancy by the Service and the buildings put in order for the reception of patients:

EXECUTIVE MANSION,
Washington, D. C., April 1, 1899.

It is hereby ordered that the Fort Stanton abandoned military reservation, New Mexico, containing 10,240 acres, more or less, with the buildings thereon, be, and it is hereby reserved and set apart for the use of the Marine-Hospital Service.

Excepting that the force and effect of this order shall not apply to any lands to which, prior to the date hereof, valid claims may have attached under the homestead and mineral land laws.

WILLIAM McKINLEY.

Return of the United States troops from Cuba.

PRECAUTIONARY MEASURES TO PREVENT THE INTRODUCTION OF INFECTION.

During the month of March, and up to April 12, some 18 regiments of United States troops have been returned from Cuba, and the necessary precautionary steps were inaugurated early in the month of March for the protection of the country against the introduction of infection therewith.

On March 4 a special regulation was promulgated providing for the

disinfection of baggage and effects of returning soldiers from Havana and Cienfuegos, and providing, further, that the effects and baggage of soldiers from all ports in Cuba should be disinfected at southern quarantines after March 15. This regulation was wired to all National, State, and municipal quarantine stations in the South, and arrangements were immediately made for carrying out the provisions of the regulation at said stations.

The return of troops began almost immediately thereafter, and some 18 regiments have been returned, bringing with them upward of 18,000 tons of baggage and equipment requiring disinfection.

The work of disinfection was, as far as practicable, divided among the following quarantine stations: Tortugas, Fla., Mullet Key, Fla., and Savannah, Ga., and the detention camp at Egmont Key, Fla.; South Atlantic Quarantine, Ga., was also used.

Egmont Key detention camp and the quarantine station at Savannah, Ga., are now doing most of the work, the bulk of it at the latter station, where several officers and employees of the Marine-Hospital Service, in conjunction with the local officers, are busily engaged. Disinfectants in large quantities have been supplied them by the Government. A special detention camp has been established at Danfusi Island, 6 miles from the Savannah Quarantine Station.

On March 29 the transport *Crook* brought a number of bodies of deceased soldiers from Cuba and Porto Rico. From the medical officer of the Marine-Hospital Service detailed for duty on this transport, it was learned that the bodies of those who had died of yellow fever in Cuba had been reserved for subsequent shipment. On the recommendation of this office the War Department has ordered these bodies not to be brought back until next winter. Another consignment of bodies will be brought in this week but from Porto Rico only, there having been no yellow fever among the troops on that island.

OTHER QUARANTINE PROVISIONS.

The detention and disinfection of all vessels from infected or suspected ports is required, dating from and after April 1, instead of May 1, and the close quarantine season, therefore, extends from April 1 to November 15 of each year, as provided in Department Circular No. 27, dated February 3, 1898, and Department Circular No. 190, dated October 22, 1898, attention being called thereto in circular letter dated February 28, 1899, and published in the PUBLIC HEALTH REPORTS March 3, 1899.

Acting assistant surgeon detailed for duty at Vera Cruz, Mexico.

Dr. S. H. Hodgson, of Guatemala, a native of Mobile, Ala., and immune to yellow fever, has been appointed acting assistant surgeon, Marine-Hospital Service, and detailed for duty at Vera Cruz, Mexico. He is to keep the Bureau fully informed as to health conditions at Vera

Cruz, and to make visits to Tampico and Progreso for similar purposes, his letter of instructions reading as follows:

WASHINGTON, D. C., *April 8, 1899.*

SIR: I inclose herewith your letter of appointment as temporary acting assistant surgeon of the Marine-Hospital Service for duty as port inspector on the coast of Mexico, with compensation at the rate of \$200 per month from this date.

You are hereby directed to proceed without delay to Vera Cruz, Mexico, and as soon as possible make report to the Bureau with regard to the prevalence of yellow fever in that port. You will call upon the United States consul, and show him these instructions and your letter of appointment, and request of him such aid as he may kindly give. Later a request will be made of the State Department for an official letter of introduction to the consuls on the Mexican coast.

The Bureau wishes a letter on the sanitary condition of Vera Cruz and of the harbor, in addition to the information concerning yellow fever, and, after satisfying yourself as to the conditions in Vera Cruz, and supposing that there is no urgent necessity for your remaining to aid in preventing vessels from carrying contagious disease to the United States, you will proceed to Tampico, where you will follow the same general instructions. You will bear in mind in both cities the effect of railroad connection with the United States, and in your reports you will note what danger there may be of yellow fever reaching the United States through the Texas border from those cities.

As soon as practicable you will then proceed to Progreso, and, after having complied with the instructions above given for that port and Merida, you will then either remain there or return to one of the other cities, choosing the one at which your presence is most necessary.

In the event of the presence of yellow fever at either of these ports, you will cable the Bureau, using the code word for yellow fever, followed by the proper numerals to indicate the number of cases now existing. On leaving a port, the day of leaving you should also cable the Bureau, using simply the name of the port to which you are going.

You will transmit a letter at least once in each week, or oftener if appropriate, giving a résumé of your actions for the week, bearing in mind that the Bureau desires to hear from you as often as possible, even though you write but a short letter.

You will keep notes and be prepared also to transmit a full report for publication upon the completion of your services.

Any items of interest relating to health conditions which may affect the United States should be included in your letters.

Respectfully, yours,

WALTER WYMAN,
Supervising Surgeon-General, U. S. M. H. S.

[Reports to the Supervising Surgeon-General United States Marine-Hospital Service.]
Cerebro-spinal meningitis—Abstract of replies received to circular requesting information.

[Continued from last PUBLIC HEALTH REPORTS.]

ILLINOIS—Chicago.—From October 1, 1898, to March 27, 1899, 21 certificates were returned to the office of the health commissioner, giving cerebro-spinal meningitis as the cause of death. The records of Cook County hospital show that 36 cases were treated there, of which 26 were fatal. The physicians in South Chicago report 21 cases and 5 deaths. The only investigation into the etiology and pathology of the disease known to have been made is reported in a paper prepared by the medical inspector of the Chicago health department, which is now being published in the Journal of the American Medical Association.

KENTUCKY—Louisville.—Complete statistics are not obtainable, as returns of this disease are not made to the State board of health. The press reports cases and deaths at Louisville and at Henderson and Elizabethtown. In Louisville the deaths have amounted to about 4 a week.

LOUISIANA—Shreveport.—During the week ended April 1, 3 deaths from cerebro-spinal meningitis were reported.

MARYLAND—Anne Arundel County.—One case since October, 1898.

Baltimore.—Several cases reported.

Berlin, Worcester County.—One fatal case.

Cambridge, Dorchester County.—One case.

MICHIGAN—Sand Beach.—No cases have appeared in this part of the State.

Manistee.—During the period named 14 cases and 6 deaths have been reported within a radius of 14 miles of Manistee. No cause for the disease can be discovered other than that it followed the influenza which has been prevalent during the winter. No pathologic investigations have been made.

MINNESOTA—Duluth.—No epidemic of cerebro-spinal meningitis exists in this city. A few sporadic cases have occurred, but no more than usual. The inclosed report, received from the State board of health, shows the number of deaths from cerebro spinal meningitis throughout the State and the localities where they occurred.

Places.	1898.			1899.		Total.
	Oct.	Nov.	Dec.	Jan.	Feb.	
Cloquet.....				1		1
Crookston.....		1			1	2
Duluth.....	1		3	2	2	8
Elmore.....					1	1
Fairmont.....		1	3	3	3	10
Fountain Township.....			1			1
Lynden Township.....			1			1
Minneapolis.....			7	5	8	20
New Ulm.....			1			1
St. Paul.....	2				7	9
Shakopee.....		1				1
South St. Paul.....		1				1
Stillwater.....				2		2
Waseca.....				1		1
Total.....						50

What proportion of these are of the epidemic type, it is impossible to say.

The board tried to investigate the outbreak at Fairmont, but without any satisfactory results.

NEW YORK.—The following report was furnished by the State board of health, on request, to Passed Assistant Surgeon Stoner, and by him transmitted to the Marine-Hospital Bureau:

From October, 1898, to February, 1899, inclusive, there were reported to this office deaths from cerebro-spinal meningitis from the following localities and in the following numbers:

New York City, 109; Yonkers, 4; Albany, 7; Cohoes, 3; Watervliet, 1; Troy, 3; North Greenbush, Rensselaer County, 1; Berlin, 1; Rensselaer, 1; Hudson, 1; Newburg, 1; Rosendale, 1; Woodstock, 1; Middletown, 1; Ogdensburg, 1; Canton, 2; Belmont, Franklin County, 1; Queensbury, Warren County, 1; Schuylers Falls, Clinton County, 1; Watertown, 1; Schenectady, 1; Rome, 2; Amsterdam, 2; Johnstown, 1; Gloversville, 1; Rotterdam, 1; Binghamton, 1; Elmira, 1; Hornellsville, 1; Howard, Steuben County, 1; Hume, Allegany County, 1; Chautauqua, 1; Buffalo, 14; Rochester, 2; Lockport, 1; Walworth, Wayne County, 1; Avon, Livingston County, 1; Porter, Niagara County, 1.

In all, forty localities have returned deaths from this cause, all but seven of them returning but a single death during the period. The disease has not prevailed epidemically, nor has an epidemic occurred in the State in a long time.

It is no doubt endemic in some localities. New York City during the past year has had an increased prevalence.

No reports of cases of this disease are required by the State board and none are received.

No doubt allowance must be made for indefinite use of the name as a cause of death.

OHIO—*Cincinnati*.—There have been a few sporadic cases in this city and locality. The number can not be ascertained, but 11 deaths have been reported since October 1, 1898. Cultures made from 2 cases in the city demonstrated the presence of only the staphylococcus pyogenes aureus and albus.

TEXAS—*Galveston*.—During the week ended April 1, 1899, 5 cases and 3 deaths were reported.

Smallpox in the United States.

ALABAMA.

Mobile.—Surgeon Murray reports, April 7, as follows: April 2, 1 new case; April 6, 2 new cases.

COLORADO.

Denver.—The bureau of health of the city gives, March 31, the following résumé of smallpox: November 25 to March 31, 38 cases, 5 deaths; remaining in hospital, 15.

DISTRICT OF COLUMBIA.

Washington.—Health Officer Woodward reports as follows: April 3, 1 new case; April 4, 2 new cases; April 6, 2 new cases. April 7, at 4 o'clock p. m., there were in the District 20 cases of smallpox in hospital and 10 houses in quarantine; April 8, 1 new case; April 10, 1 new case; April 12, there were 17 cases in hospital, 8 houses in quarantine, and 1 suspicious case.

FLORIDA.

Key West.—Acting Assistant Surgeon Plummer reports, March 30, 1 new case of smallpox.

ILLINOIS.

Chicago.—Surgeon Sawtelle reports 1 new case of smallpox on April 7.

INDIANA.

Evansville.—Passed Assistant Surgeon Oakley reports 1 new case of smallpox March 31, making a total of 17 cases.

LOUISIANA.

New Orleans.—Passed Assistant Surgeon Nydegger reports 42 new cases for the week ended April 1, and 2 deaths.

Since the beginning, total number cases, 147; total number deaths, 2; remaining under treatment, 99; discharged, recovered, 46.

MISSOURI.

The secretary of the State board of health reports as follows: Carroll County, total cases to April 6, 59; deaths, 15; Chariton County, total cases to April 6, 1; deaths, 0; DeKalb County, total cases to April 6, 3; deaths, 0; Macon County, total cases to April 6, 1; deaths, 0; Mississippi County, total cases to April 6, 1; deaths, 0; St. Louis, total cases to April 6, 25; deaths 2.

NORTH CAROLINA.

Newbern.—Acting Assistant Surgeon Duffy reports, April 6, 1 case of smallpox in the city. The patient came from Goldsboro and, escaping the health authorities in Newbern, returned to that city. Vaccination from house to house is being done.

Eagle Pass.—Acting Assistant Surgeon Hume reports April 4 as follows concerning Eagle Pass and places in Mexico.

During the week ended April 2 I have the honor to state that of 1,200 persons coming into the United States from Mexico via this port, 1 American was refused admission because of coming from Tampico, which place is considered infected with yellow fever. * * *

Reports of smallpox in Mexico are very numerous, but definite information is exceedingly hard to obtain. Eagle Pass still enjoys its prestige, no smallpox or other contagious diseases having been brought here from Mexico or other points.

TEXAS.

El Paso, Tex., and Juarez, Mexico.—Sanitary Inspector Alexander reports, April 1, as follows:

I have the honor to report that during the past month I have given 880 certificates of vaccination to people passing to and from El Paso, Tex., to Juarez, Mexico, 170 having been refused for not being vaccinated. Among those permitted to pass, 41 had confluent smallpox, 12 of which were Americans. Among those refused were 25 Americans, balance Mexicans.

There are still a number of cases of smallpox at Juarez, which makes it imperative to be extremely careful, especially as during the last week the Mexicans celebrated Holy Week and thousands of people gather daily in the churches at Juarez. No doubt many come from homes where smallpox exists. Only yesterday I discovered 4 new cases.

Galveston.—Acting Assistant Surgeon Keiller reports for the week ended April 1, 4 new cases of smallpox, making 7 cases in all—all colored. No deaths. All in a tent isolation hospital. Vaccination is being done.

VIRGINIA.

Alexandria.—Sanitary Inspector Snowden reports, April 9, no case of smallpox since April 2.

Newport News.—Acting Assistant Surgeon Charles reports as follows: April 2, 5 new cases—2 in city and 3 in county; April 3, 2 new cases—1 in city and 1 in county; April 4, 2 new cases—1 in city and 1 in county; April 5, 3 new cases, in the city; April 6, no new cases; April 7, no new cases; April 8, 1 new case, in the city.

Norfolk.—Acting Assistant Surgeon Hofman reports as follows: April 1, 2 new cases, discharged, 4; April 2, 1 new case, discharged, 5; April 3, 8 new cases, discharged 7; April 4, 8 new cases, discharged, 4; April 5, no new cases, discharged, 1; April 6, 9 new cases, discharged, 7; April 7, 3 new cases, discharged, 8.

Portsmouth.—Acting Assistant Surgeon Hofman reports from Portsmouth as follows: April 1, 1 new case, discharged, 6; April 2, 2 new cases, discharged, 0; April 3, 2 new cases, discharged, 4; April 4, 2 new cases, discharged, 0; April 5, no new cases, discharged, 0; April 6, 1 new case, discharged, 0; April 7, 1 new case, discharged, 3.

*Smallpox in the United States as reported to the Supervising Surgeon-General United States
Marine-Hospital Service, December 31, 1898, to April 14, 1899.*

Places.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Antauga County.....	Feb. 24.....			Smallpox reported.
Calvert.....	Dec. 10-Jan. 20.....	10		
Catherina.....	Jan. 6.....			Do.
Clarke County.....	Dec. 25-Jan. 20.....	2		Several cases.
Clay County.....	Jan. 27.....			Smallpox reported.
Collerine.....	Jan. 6.....	1		
Dallas County.....	Jan. 27.....			Do.
Green County.....	do.....			Do.
Hale County.....	do.....			Do.
Lowndes County.....	do.....			Do.
Marengo County.....	do.....			Do.
Mobile.....	Jan. 2-Apr. 6.....	26		
Montgomery County.....	Feb. 24.....			Do.
Randolph County.....	Jan. 27.....			Do.
Southside.....	Jan. 6.....	96		
Washington County.....	Jan. 27.....			Do.
Wilcox County.....	do.....			Do.
Total for the State.....		133	2	Officially reported.
Arkansas:				
Pulaski County.....	Jan. 27-Mar. 1.....	8	1	
California:				
Los Angeles.....	Sept.-Mar. 25.....	83	14	
Sacramento City.....	do.....	1		
San Diego.....	Feb. 19.....	1	1	
San Francisco.....	Jan. 31.....	2		
Total for the State.....		87	15	Do.
Colorado:				
Arapahoe County.....	Nov. 25-Mar. 31.....	38	5	
El Paso County.....	Jan. 31.....	2		
Fremont County.....	Dec. 1-Jan. 31.....	24		
Los Animas County.....	Jan. 31.....	12		
Pueblo County.....	Dec. 17-Jan. 31.....	60	4	
Total for the State.....		136	9	Do.
Connecticut:				
New Haven.....	Jan. 16.....	2		
District of Columbia:				
Washington.....	Jan. 21-Apr. 6.....	68		
Florida:				
Jacksonville.....	Feb. 12-Apr. 1.....	13		
Key West.....	Feb. 25-Mar. 30.....	9		
Pensacola.....	Jan. 14.....	1		
Total for the State.....		23		Do.
Georgia:				
Jones County.....	Jan. 1-Jan. 16.....	300		
Savannah.....	Feb. 22-Mar. 20.....	12		
Total for the State.....		312		Do.
Illinois:				
Bethel.....	Jan. 7.....	2		
Biggsville, Henderson Co.....	Mar. 7.....	1		
Cairo.....	Feb. 23-Mar. 7.....	26		
Chicago.....	Mar. 10-Apr. 7.....	5		
Dana, La Salle County.....	Mar. 7.....	1		
Media.....	Jan. 7.....	1		
Monmouth, Warren County.....	Feb. 23.....	4		
Murphysboro, Jackson Co.....	Mar. 7.....	2		
Total for the State.....		42		Do.
Indiana:				
Clark County.....	Mar. 1.....			Smallpox reported.
Dana.....	Feb. 8.....	1		
Davies County.....	Mar. 1.....			Do.
Evansville.....	Feb. 7-Apr. 1.....	17		
Floyd County.....	Mar. 1.....			Do.
Green County.....	Mar. 1.....			Do.
Indianapolis.....	Jan. 25-Mar. 1.....	14		
Jefferson County.....	Mar. 1.....			Do.
Jackson City.....	Feb. 24.....	4		

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Indiana—Continued.				
New Albany.....	Mar. 5-Apr. 1.....	4		
Sullivan County.....	Feb. 11.....	1		
Toronto.....	Feb. 4.....	1		
Total for the State.....		42		Officially reported.
Indian Territory.....	Mar. 4.....		45	
Iowa:				
Lee County.....	Jan. 13.....	7	1	
Wayne County.....	.....do.....	1		
Kansas:				
Atchison County.....	Mar. 16.....	21		
Independence County.....	Mar. 16.....			Smallpox reported.
Sumner County.....	Mar. 20.....	2		
Marion County.....	Jan. 17.....	11		
Peabody.....	Feb. 1-Feb. 16.....	56	7	
Kentucky:				
Louisville.....	Dec. 20-Mar. 28.....	280	4	
Louisiana:				
Alexandria.....	Mar. 29.....	9		
New Orleans.....	Jan. 30-Apr. 1.....	147	2	
Maine:				
Auburn.....	Feb. 20.....	4		
Lewiston.....	Feb. 22-Mar. 4.....	3		
Maryland:				
Baltimore.....	Jan. 18-Apr. 8.....	13	1	
Cumberland.....	.....do.....	3		
Pocomoke.....	.....do.....	3		
Michigan:				
Detroit.....	Jan. 1-Feb. 4.....	14		
Kalamazoo.....	Mar. 12-Mar. 25.....	5	1	
Minnesota:				
Minneapolis.....	Dec. 8.....	1		
Mississippi:				
Clay County.....	Jan. 27.....			Do.
Hinds County.....	Mar. 3.....			Do.
Jackson County.....	Mar. 26.....	4		
Jones County.....	Jan. 27.....			Do.
Lauderdale County.....	.....do.....			Do.
Noxubee County.....	Jan. 27.....			Do.
Perry County.....	Jan. 27-Mar. 12.....	17	3	
Tishomingo County.....	Jan. 27.....			Do.
Missouri:				
Carroll County.....	Nov. 1-Apr. 6.....	59	15	
Chariton County.....	.....do.....	1	0	
De Kalb County.....	.....do.....	3	0	
Macon County.....	.....do.....	1	0	
Mississippi County.....	.....do.....	1	0	
St. Louis.....	.....do.....	25	2	
Total for the State.....		90	17	Officially reported.
Montana:				
Missoula.....	Feb. 23-Mar. 9.....	2		
Nebraska:				
Nebraska City.....	July 1-Dec. 8.....	153		
	Dec. 9-Jan. 16.....	147	3	
Omaha.....	Jan. 1-Mar. 25.....	35		
Otoe and Nemaha Counties.....	Jan. 1-Jan. 16.....	21		
Peru.....	Jan. 2.....	5		
Plattsmouth.....	Dec. 10.....	1		
Tecumseh.....	Jan. 2.....	9		
Total for the State.....		371	3	Do.
New Jersey:				
Jersey City.....	Dec. 5-Jan. 22.....	6		
New York:				
Buffalo.....	Mar. 15-Mar. 21.....	1		
Elmira.....	Mar. 18-Mar. 25.....	1		
New York.....	Jan. 7-Mar. 20.....	12	3	
Dunkirk.....	Jan. 8-Jan. 21.....	5		
North Carolina:				
Alamance County.....	Feb. 1-Feb. 28.....	3		
Bertie County.....	.....do.....	8		
Burlington, Franklin Co.....	March 1.....	3	1	
Chowan County.....	Feb. 16.....	2		
Columbus County.....	Feb. 1-Feb. 28.....	3		
Craven County.....	Apr. 6.....	1		

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
North Carolina—Continued.				
Currituck County.....	Feb. 1-Feb. 28.....	2	.....
Edgecombe County.....	Feb. 1.....	24	.....
Gates County.....	.....do.....	1	.....
Halifax County.....	Feb. 1-Feb. 28.....	8	.....
Johnston County.....	.....do.....	1	.....
Northampton County.....	Jan. 12-Feb. 28.....	6	.....
McDowell County.....	Feb. 1-Feb. 28.....	2	.....
Pasquotank County.....	.....do.....	15	.....
Perquimans County.....	.....do.....	1	.....
Wake County.....	.....do.....	1	.....
Wilmington.....	Feb. 3.....	1	.....
Wilson County.....	Feb. 1-Feb. 28.....	1	.....
Total for the State.....		83	1	Officially reported.
Ohio:				
Brooklyn.....	Feb. 7-Feb. 27.....	1	.....
Cincinnati.....	Jan. 23-Mar. 31.....	198	4	
Cleveland.....	Dec. 25-Apr. 1.....	102	1	
Columbus.....	Feb. 7-Feb. 27.....	71	.....
Dalton.....	.....do.....	1	.....
Franklin.....	.....do.....	2	.....
Gallipolis.....	Feb. 2.....	2	.....
Sandusky.....	Feb. 7-Feb. 27.....	2	.....
Shenandoah.....	.....do.....	1	.....
South Charleston.....	.....do.....	1	.....
Sunbury.....	.....do.....	3	.....
Toledo.....	.....do.....	1	.....
Wellington.....	.....do.....	1	.....
Willoughby.....	.....do.....	1	.....
Total for the State.....		387	5	Do.
Oklahoma:				
Chandler.....	Dec. 30.....	1	.....
Doggett.....	.....do.....	1	.....
Lincoln County.....	Nov. 30-Jan. 30.....	32	10	
Parkland.....	Dec. 30.....	1	.....
Sac and Fox Agency.....	.....do.....	2	.....
Stroud.....	.....do.....	.....	3	
Total for the State.....		37	13	Do.
Pennsylvania:				
Allegheny County.....	Feb. 11-Mar. 11.....	5	.....
Altoona.....	Jan. 1-Mar. 11.....	3	.....
Ball Hill.....	Dec. 31-Jan. 23.....	1	.....
Beaver County.....	Mar. 12-Mar. 30.....	1	.....
Bedford County.....	Dec. 31-Mar. 30.....	21	.....
Brumbaugh.....	.....do.....	2	.....
Charlesville.....	Dec. 31.....	15	.....	Smallpox reported.
Claysburg.....	Dec. 31-Jan. 23.....	1	.....
East Vincent Township.....	Dec. 31.....	1	.....
Everett.....	.....do.....	3	.....
Fayette County.....	Mar. 12-Mar. 30.....	3	.....
Fulton County.....	Feb. 11-Mar. 11.....	1	.....
Homer City.....	Dec. 31.....	2	.....
Hopewell.....	.....do.....	3	.....
Huntingdon County.....	Feb. 11-Mar. 11.....	5	.....
Hustontown.....	Dec. 31.....	4	.....
New Granada.....	.....do.....	7	.....
Philadelphia.....	Dec. 31-Feb. 11.....	10	.....
Pittsburg.....	Dec. 31-Feb. 25.....	2	.....
Pottstown.....	Feb. 5-Feb. 11.....	1	.....
Somerset County.....	Feb. 11-Mar. 30.....	2	.....
Steelton.....	Dec. 31-Feb. 25.....	11	.....
Waterfall.....	.....do.....	1	.....
Total for the State.....		105	.....	Officially reported.
Porto Rico:				
Ponce.....	Jan. 17-Mar. 17.....	451	.....
San Juan.....	Mar. 6.....	3	.....
Rhode Island:				
Providence.....	Feb. 21.....	1	.....
South Carolina:				
Horry County.....	Mar. 8.....	10	.....
Tennessee:				
Dyersburg.....	Mar. 24.....	3	.....
Grover, Madison County.....	Feb. 18-Mar. 11.....	12	.....
Hardeman County.....	Mar. 1-Mar. 11.....	1	.....

Smallpox in the United States, etc.—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.	
Tennessee—Continued.					
Jackson	Feb. 18—Mar. 27.....	52	Officially reported.	
Memphis.....	.....do	36 .....	.....	
Pinson, Madison County.....	.....do	1 .....	.....	
Union City, Obion County.....	Mar. 3—Mar. 11.....	7 .....	.....	
Total for the State.....	123		
Texas:					
Alice, Nueces County	Feb. 20.....	20	Year 1898.	
Brownsville	Jan. 7.....	1 .....	.....	
Bryan.....	Jan. 29—Mar. 11....	24 .....	.....	
El Paso.....	Aug. 1—Dec. 31....	45 .....	.....	
Fort Bliss	Jan. 1—Jan. 18....	21 .....	.....	
Galveston	Mar. 12.....	1	Officially reported.	
Laredo.....	Mar. 14—Apr. 1....	7	2		
San Rafael.....	Jan. 1—Mar. 25....	623	116		
.....	Jan 29	4 .....	.....	
Total for the State.....	746	118		
Virginia:					
Alexandria.....	Jan. 4—Apr. 9.	302	2	Do.	
Hampton	Feb. 15.....	6 .....	.....	
Lynchburg	Mar. 5—Mar. 11....	1	1		
Newport News.....	Dec. 31—Apr. 8....	609 .....	.....	
Norfolk.....	Sept. 19—Apr. 7....	659	10		
Petersburg.....	Mar. 6—Mar. 12....	1	Do.	
Portsmouth.....	Dec. 31—Apr. 7....	207	2		
Richmond.....	Jan. 25—Mar. 12....	8 .....	.....	
Total for the State.....	1,793	15		
Washington:					
Spokane.....	Feb. 27—Mar. 18....	3	Do.	
Wisconsin:					
Calumet County.....	Feb. 16.....	1 .....	.....	
Harrison County.....	Feb. 20.....	1 .....	.....	
Outagamie County.....	Feb. 7—Mar. 20....	15	2		
Total for the State .....	.....	17	2	
Wyoming:					
Cheyenne	Mar. 5—Mar. 26....	5	Do.	
Rock Springs.....	Dec. 24.....	1 .....	.....	

*Report of immigration at Boston for the week ended April 8, 1899.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of Boston, April 9, 1899.**Number of alien immigrants who arrived at this port during the week ended April 8, 1899;
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Apr. 2	Steamship Boston.....	Yarmouth, Nova Scotia.....	202
Apr. 3	Steamship Admiral Sampson.....	Port Morant, Jamaica.....	2
Do....	Steamship Bostonian.....	London, England.....	11
Apr. 4	Steamship Prince George.....	Yarmouth, Nova Scotia.....	43
Do....	Schooner Joseph B. McGuire.....	.....	.....
Apr. 5	Steamship Admiral Farragut.....	Port Morant, Jamaica.....	16
Do....	Steamship Victorian.....	Liverpool, England.....	97
Apr. 6	Steamship Halifax.....	Halifax, Nova Scotia.....	193
Do....	Steamship Boston.....	Yarmouth, Nova Scotia.....	1
Do....	Schooner Olivia.....	Clemensport, Nova Scotia.....	15
Do....	Steamship Etolia.....	Avonmouth, England.....	26
Do....	Steamship Michigan.....	Liverpool, England.....	67
Apr. 7	Steamship Prince George.....	Yarmouth, Nova Scotia.....	6
Apr. 8	Schooner Dominion.....	Liverpool, Nova Scotia.....	679
Total.....			679

GEORGE B. BILLINGS,
*Commissioner.**Report of immigration at New York for the week ended April 1, 1899.*OFFICE OF U. S. COMMISSIONER OF IMMIGRATION,
*Port of New York, April 4, 1899.**Number of alien immigrants who arrived at this port during the week ended April 1, 1899;
also names of vessels and ports from which they came.*

Date.	Vessel.	Where from.	No. of immigrants.
Mar. 26	Steamship Umbria.....	Liverpool and Queenstown.....	266
Do....	Steamship Pretoria.....	Hamburg.....	1,187
Do....	Steamship Archimede.....	Genoa and Naples.....	853
Mar. 27	Steamship La Normandie.....	Havre.....	481
Do....	Steamship Rotterdam.....	Rotterdam.....	244
Do....	Steamship Bonn.....	Bremen.....	762
Mar. 28	Steamship Friesland.....	Antwerp.....	255
Do....	Steamship Thingvalla.....	Copenhagen, etc.....	77
Do....	Steamship California.....	Naples.....	1,036
Do....	Steamship Kaiser Wilhelm II.....	Genoa and Naples.....	919
Mar. 30	Steamship Majestic.....	Liverpool and Queenstown.....	538
Do....	Steamship Trave.....	Bremen.....	381
Mar. 31	Steamship Ems.....	Genoa and Naples.....	846
Apr. 1	Steamship Patria.....	Hamburg.....	1,114
Do....	Steamship Wardsworth.....	Rio de Janeiro.....	11
Total.....			8,970

THOMAS FITCHIE,
*Commissioner.**Medical inspection of immigrants at Boston during March, 1899.*

BOSTON, MASS., April 5, 1899.

SIR: I have the honor to make the following report of the inspection of immigrants at this station during the month of March, 1899, viz: Total number of immigrants inspected, 646; total number rejected, 6,

for the following causes: Blindness in one eye, 1; anterior curvature of spine, 1; tuberculosis, 2; inflammation of spinal cord, 1; loss of right eye and left leg, 1.

Respectfully, yours,

FAIRFAX IRWIN,
Surgeon, U. S. M. H. S.

Medical inspection of immigrants at Galveston during March, 1899.

Date of inspection, March 9, 1899; name of vessel, steamer *Helen Richmers*; port from which she sailed, Bremen; number of immigrants, 39; number rejected, none.

Respectfully, yours,

WILLIAM KEILLER,
Temporary Acting Assistant Surgeon, U. S. M. H. S.

Medical inspection of immigrants at Portland, Me., during March, 1899.

PORTLAND, ME., April 5, 1899.

SIR: I have the honor to make the following report of foreign vessels boarded and immigrants inspected at this port during the month of March, 1899:

Date.	Ship.	Where from.	No. of immigrants.
Mar. 1	Mongolian	Liverpool ..	46
Do....	Kildona	Shields	0
Mar. 2	Memnon	Avonmouth	0
Mar. 4	Norwegian	Glasgow	0
Mar. 5	Castilian	Liverpool	15
Mar. 7	Lake Huron	Avenmouth	141
Mar. 9	Sheikh	Liverpool	0
Mar. 10	Georgian	do	0
Do....	Hurona	Shields	0
Mar. 14	Devona	do	0
Mar. 17	Arab	Liverpool	0
Do....	Merrimac	Shields	0
Do....	Turenian	Liverpool	0
Mar. 18	Amartian	Glasgow	0
Mar. 23	Virginian	Liverpool	0
Mar. 24	Numidian	do	14
Mar. 25	Arcadia	Hamburg	0
Mar. 26	Cervona	Newcastle	0
Mar. 28	Assyrian	Liverpool	0
Mar. 30	Peruvian	Glasgow	0
Do....	Sardinian	Liverpool	0
	Total		216

NOTE.—None held or rejected.

Respectfully, yours,

F. W. MEAD,
Surgeon, U. S. M. H. S.

Medical inspection of immigrants at Portland, Oreg., for March, 1899.

Date.	Vessel.	Where from.	No. of immigrants.
Mar. 9	British steamship Lan Sang	Yokohama, Japan	a 58
Mar. 26	British steamship Monmouthshire	do	b 100
	Total		158

a Japanese, 58; b Japanese, 98; Europeans, 2.

All passed.

RUPERT BLUE,
Passed Assistant Surgeon, U. S. M. H. S.

REPORTS FROM NATIONAL QUARANTINE

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.
Alexandria, Va.....	Apr. 8	.....	.....	.....
Beaufort, S. C.....	do.	.....	.....	.....
Brunswick, Ga.....	do.	Am. sc. Edith M. Allen....	Apr. 7	San Juan, Porto Rico.
Cape Charles, Va.....	do.	Bgtne Bertha Gray.....	Apr. 6	Bahia.....
Cape Fear, N. C.....	do.	Am. sc. Chas. C. Lister.....	Apr. 8	Norfolk, Va.....
Cienfuegos, Cuba.....	Apr. 1	.....	.....	.....
Delaware Breakwater Quarantine, Lewes, Del.	Apr. 8	.....	.....	.....
Eureka, Cal.....	Apr. 1	.....	.....	.....
Grays Harbor, Wash.....	do.	.....	.....	.....
Gulf Quarantine, Ship Island, Miss.	do.	Am. sc. R. D. Spear.....	Apr. 1	St. Pierre, Martinique.
Honolulu, Hawaii.....	Mar. 25	.....	.....	.....
Matanzas, Cuba.....	Apr. 4	.....	.....	.....
Newbern, N. C.....	Apr. 8	.....	.....	.....
Ponce, Porto Rico.....	Mar. 25	.....	.....	.....
Port Townsend, Wash.....	Apr. 1	.....	.....	.....
Reedy Island Quarantine, Del ..	Apr. 8	.....	.....	.....
San Diego, Cal.....	Apr. 1	.....	.....	.....
San Francisco, Cal.....	do.	U. S. Collier Scindia.....	Mar. 29	Honolulu.....
San Juan, Porto Rico.....	Mar. 25	.....	.....	.....
Santiago de Cuba.....	Apr. 1	.....	.....	.....
South Atlantic Quarantine, Blackbeard Island, Ga.	do.	.....	.....	.....
Tortugas Quarantine, Key West, Fla.	do.	U. S. transport Florida....	Mar. 26	Havana
		U. S. transport Kilpatrick	Mar. 27	do
		Br. Ss. Tyrian.....	Mar. 31	Cardenas.....
		Am. sc. Norman.....	do.	Matanzas.....
		U. S. transport Vigilancia	do.	Havana
Washington, N. C.....	Apr. 8	.....	.....	.....

AND INSPECTION STATIONS.

Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
			No transactions.....	
			No report	
Brunswick.....	Held for disinfection.....			1
Hampton Roads.....	Inspected and held.....	Apr. 10	40 landed from Sa. Paris, Havana.	6
Southport, N. C.....	Held for disinfection.....			1
				8
				1
			No transactions.....	
				1
Ship Island.....	Inspected and held.....		1 case remittent fever on Am. sc. R. D. Spear, from St. Pierre, Martinique.	1
				7
				5
			1 case malarial fever on Ss. Neuse.	10
			No report.....	
				9
				13
				2
San Francisco.....	Passed on medical officer's certificate.		1 death from remittent fever on U. S. Ss. City of Sydney, from Panama, en route.	14
			No report.....	
			do	
				2
Galveston	Baggage disinfected; hold sulphured.	Mar. 23		
do	Baggage disinfected.....	do...		
Mobile.....	Held for disinfection.....	Apr. 1	Without disinfection.....	
do	do			
Savannah	Undergoing disinfection		No transactions.....	

REPORTS FROM STATE AND

Name of station.	Week ended.	Name of vessel.	Date of arrival	Port of departure.
Anclote, Fla.....	Apr. 8	.....	.....	.....
Baltimore, Md.....	do.	.....	.....	.....
Bangor, Me.....	do.	.....	.....	.....
Boston, Mass.....	do.	.....	.....	.....
Carrabelle, Fla.....	do.	.....	.....	.....
Cedar Keys, Fla.....	do.	.....	.....	.....
Charleston, S. C.....	do.	.....	.....	.....
Charlotte Harbor, Fla.....	do.	.....	.....	.....
Elizabeth River, Va.....	do.	.....	.....	.....
Galveston, Tex.....	do.	.....	.....	.....
Gardiner, Oreg.....	do.	.....	.....	.....
Key West, Monroe County, Fla.....	do.	Am. sc. Etta Thompson...	Apr. 3	Cardenas.....
Los Angeles, Cal.....	Apr. 1	.....	.....	.....
Mayport, Fla.....	Apr. 8	Nor. bk. Gyller.....	Apr. 4	Havre.....
Mobile, Ala.....	Apr. 1	Nor. ss. Habil.....	Apr. 1	Havana.....
New Bedford, Mass.....	Apr. 8	.....	.....	.....
Newport News, Va.....	do.	.....	.....	.....
Newport, R. I.....	do.	.....	.....	.....
New York, N. Y.....	do.	.....	.....	.....
Pass Cavallo, Tex.....	do.	.....	.....	.....
Providence, R. I.....	do.	.....	.....	.....
Round Island, Miss.....	Apr. 1	.....	.....	.....
St. Helena Entrance, S. C.....	Apr. 8	.....	.....	.....
San Pedro, Cal.....	Apr. 1	.....	.....	.....
Savannah, Ga.....	do.	Nor. bk. Stanley.....	Mar. 26	Rio de Janeiro.....
		U. S. transport Logan.....	do.	Havana.....
		U. S. transport Vigilancia.....	Mar. 27	do.....
		U. S. transport City of San Antonio.....	do.	do.....
		U. S. transport Logan.....	Mar. 30	do.....
		U. S. transport Dixie.....	Apr. 1	Casilda.....
Tampa Bay, Fla.....	Apr. 8	.....	.....	.....

MUNICIPAL QUARANTINE STATIONS.

Destination.	Treatment of vessel, passengers, and cargo.	Date of departure.	Remarks.	Vessels inspected and passed.
.....	.....	.....	No transactions.....	20
.....	.....	.....	No report.....	.....
.....	.....	.....	do.....	.....
.....	.....	.....	do.....	.....
.....	.....	.....	do.....	.....
.....	.....	.....	do.....	7
.....	.....	.....	No report.....	.....
.....	.....	.....	do.....	12
Key West.....	Remanded to Tortugas Quarantine for treatment.	.....	.....	.....
Jacksonville.....	Held for instructions; no bill of health.	Apr. 5	No transactions.....	12
Mobile.....	Disinfected and held.....	.....	No report.....	14
.....	.....	.....	No report.....	9
.....	.....	.....	do.....	.....
.....	.....	.....	do.....	.....
.....	.....	.....	No transactions.....	.....
.....	.....	.....	No report.....	.....
.....	.....	.....	No transactions.....	.....
.....	.....	.....	No report.....	.....
Savannah.....	Discharging ballast.....	.....	Case of climatic fever.....	8
do.....	Detained for discharge of soldiers and effects.	Mar. 27	.....	.....
do.....	do.....	Mar. 28	.....	.....
do.....	do.....	do.....	.....	.....
do.....	do.....	Apr. 1	.....	.....
do.....	Remanded to Sapelo.....	.....	4 cases and 1 death; probably yellow fever.	10

Reports of States and yearly and monthly reports of cities of the United States.

ALABAMA—*Mobile*.—Month of January, 1899. Estimated population, 37,817. Total number of deaths, 81, including la grippe, 2, and 13 from phthisis pulmonalis.

Month of February, 1899. Total number of deaths, 120, including enteric fever, 1; la grippe, 2, and 12 from phthisis pulmonalis.

CALIFORNIA—*San Francisco*.—Month of February, 1899. Estimated population, 360,000. Total number of deaths, 656, including diphtheria, 10; enteric fever, 22; la grippe, 22; measles, 16; scarlet fever, 5; whooping cough, 8, and 68 from phthisis pulmonalis.

CONNECTICUT—*Hartford*.—Month of March, 1899. Estimated population, 74,000. Total number of deaths, 135, including diphtheria, 1; enteric fever, 1; la grippe, 7; measles, 2; whooping cough, 1, and 16 from phthisis pulmonalis.

GEORGIA—*Columbus*.—Month of March, 1899. Estimated population, 19,303—white, 10,276; colored, 9,027. Total number of deaths, 29—white 7, colored 22, including enteric fever, 1; la grippe, 1; small-pox, 3, and 2 from phthisis pulmonalis.

ILLINOIS—*Chicago*.—During the week ended April 1, 1899, 12 certificates of death were returned to the office of the commissioner of health giving influenza and its complications as the cause thereof, viz, 1 to uncomplicated influenza, 11 to influenza as the cause complicated with other affections, chiefly chronic diseases, also 11 giving diphtheria as the cause, 65 cases being reported, and 20 giving scarlet fever as the cause, 125 cases being reported.

OTTAWA.—Month of March, 1899. Estimated population, 12,000. Total number of deaths 11, including 3 from phthisis pulmonalis.

SPRINGFIELD.—Month of March, 1899. Estimated population, 35,000. Total number of deaths, 44, including enteric fever, 1, and 6 from phthisis pulmonalis.

INDIANA—*Evansville*.—Month of March, 1899. Estimated population, 70,000. Total number of deaths, 111, including diphtheria, 1; enteric fever, 1; measles, 1; la grippe, 7, and 14 from phthisis pulmonalis.

IOWA—*Davenport*.—Month of March, 1899. Estimated population, 36,000. Total number of deaths, 45, including enteric fever, 1; la grippe, 1, and 4 from phthisis pulmonalis.

MASSACHUSETTS—*Brockton*.—Month of March, 1899. Estimated population, 37,278. Total number of deaths, 34, including diphtheria, 1; la grippe, 1, and 4 from phthisis pulmonalis.

HOLYOKE.—Month of March, 1899. Estimated population, 44,982. Total number of deaths, 62, including whooping cough, 1, and 5 from phthisis pulmonalis.

WORCESTER.—Month of February, 1899. Estimated population, 108,463. Total number of deaths, 171, including la grippe, 13, and 14 from phthisis pulmonalis.

MICHIGAN.—Reports to the State board of health, Lansing, for the week ended April 1, 1899, from 67 observers, indicate that intermittent fever increased in area of prevalence. Phthisis pulmonalis was reported present at 130, measles at 44, scarlet fever at 41, diphtheria at 22, enteric fever at 22, whooping cough at 10, and smallpox at 5 places—Benton Township, Kalamazoo, Kalamazoo Township, Watervliet and Watervliet Township.

NEW HAMPSHIRE—Concord.—Month of March, 1899. Estimated population, 18,000. Total number of deaths, 35, including la grippe, 1, and 1 from tubercular meningitis.

NORTH CAROLINA.—Reports to the State board of health from 24 towns having an aggregate population of 154,603, show a total of 213 deaths, including enteric fever, 1; whooping cough, 2, and 29 from phthisis pulmonalis.

Smallpox was reported present as follows: Alleman County, 3 cases; Bertie County, 8 cases; Currituck, 2 cases; Gates County, several cases; Halifax County, 8 cases; Johnston County, 1 case; McDowell County, 2 cases; Pasquotank County, 15 cases; Perquimans County, 1 case; Wake County, 1 case; Wilson County, 1 case.

Charlotte.—Month of March, 1899. Estimated population, 26,153. Total number of deaths, 28, including enteric fever, 1, and 3 from phthisis pulmonalis.

PENNSYLVANIA—Williamsport.—Month of March, 1899. Estimated population, 35,000. Total number of deaths, 28, including enteric fever, 2, and 1 from phthisis pulmonalis.

TENNESSEE—Chattanooga.—Month of March, 1899. Estimated population, 40,000—white, 27,000; colored, 13,000. Total number of deaths, 67—white, 36; colored, 31, including enteric fever, 2; la grippe, 1, and 7 from phthisis pulmonalis.

TEXAS—San Antonio.—Month of March, 1899. Estimated population, 63,000. Total number of deaths, 113, including diphtheria, 1; enteric fever, 2; cerebro-spinal meningitis, 3, and 36 from phthisis pulmonalis, mostly nonresidents.

VIRGINIA—Petersburg.—Month ended March 26, 1899. Estimated population, 25,000—white, 12,000; colored, 13,000. Total number of deaths, 36—white, 12; colored, 24, including enteric fever, 1, and 7 from phthisis pulmonalis.

WEST VIRGINIA—Wheeling.—Quarter ended March 31, 1899. Census population, 35,015. Total number of deaths, 168, including diphtheria, 2; enteric fever, 14; cerebro-spinal meningitis, 1, and 21 from phthisis pulmonalis.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

Cities.	Week ended.	Population, U. S. census of 1890.	Total deaths from all causes.	Deaths from—									
				Pneumonia.	Yellow fever.	Smallpox.	Varicella.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Abilene, Kans.....	Apr. 2....	3,547	5	1									1
Do.....	Apr. 8....	3,547	2										
Allegheny, Pa.....	do.....	105,287	39	8						4		1	
Amesbury, Mass.....	do.....	9,798	3										
Aurora, Ill.....	Apr. 1....	19,688	8	1									
Baltimore, Md.....	Apr. 8....	434,439	202	26					3			2	
Bay City, Mich.....	do.....	27,839	5	1									
Binghamton, N. Y.....	Apr. 8....	35,005	22	4					3				
Boston, Mass.....	do.....	448,477	224	28							2	6	2
Bridgeport, Conn.....	do.....	48,866	10	2									
Brooklyn, Mass.....	Apr. 1....	27,294	7										
Bucyrus, Ohio.....	Apr. 8....	5,974	2										
Cambridge, Mass.....	do.....	70,028	23	3								1	
Charleston, S. C.....	Apr. 1....	54,855	34	7					1				
Chelsea, Mass.....	do.....	27,909	16										1
Chillicothe, Ohio.....	do.....	11,288	2										
Do.....	Apr. 8....	11,288	10										
Cincinnati, Ohio.....	Mar. 31...	296,900	140	12					6			1	4
Cleveland, Ohio.....	Apr. 8....	261,353	101	3					3		2	1	2
Concord, N. H.....	do.....	17,044	5										
Dayton, Ohio.....	do.....	61,220	29	1									
Dunkirk, N. Y.....	Apr. 1....	9,416	3										
Dunmore, Pa.....	do.....	8,315	4										
Elmira, N. Y.....	do.....	29,708	6						1				
Erie, Pa.....	do.....	40,634	17	3									
Do.....	Apr. 8....	40,634	12	1									
Evansville, Ind.....	do.....	50,756	20	4					1				
Everett, Mass.....	Mar. 25...	11,068	6									2	
Do.....	Apr. 1....	11,068	4										
Fitchburg, Mass.....	do.....	22,037	7									1	
Flint, Mich.....	Apr. 8....	9,803	0										
Grand Rapids, Mich.....	Mar. 18...	60,278	42	3					2			1	
Do.....	Mar. 25...	60,278	28	1					1				
Do.....	Apr. 1....	60,278	23	2								1	
Do.....	Apr. 8....	60,278	26	3								1	
Hoboken, N. J.....	do.....	43,648	22	4									
Holyoke, Mass.....	do.....	35,637	12	2									
Jacksonville, Fla.....	Apr. 1....	17,201	24	4									
Johnstown, Pa.....	Apr. 8....	21,805	18	3									
La Crosse, Wis.....	Apr. 1....	25,090	8						1				
Lancaster, Pa.....	do.....	32,011	22	2					1				
Lansingburg, N. Y.....	Apr. 8....	10,550	2										
Lawrence, Mass.....	Apr. 1....	44,654	22										
Los Angeles, Cal.....	do.....	50,395	29	11								1	1
Lowell, Mass.....	Apr. 8....	77,696	30	4								1	
Louisville, Ky.....	Apr. 6....	161,129	98	16		1			3				
Lynchburg, Va.....	Apr. 8....	19,709	8	3					1				
Mahanoy City, Pa.....	do.....	11,286	3	2									
Malden, Mass.....	do.....	23,031	6										
Manchester, N. H.....	do.....	44,126	15									1	
Massillon, Ohio.....	Apr. 1....	10,092	1										
Medford, Mass.....	do.....	11,079	3										
Do.....	Apr. 8....	11,079	3	1									
Melrose, Mass.....	Mar. 25...	8,519	3										
Do.....	Apr. 1....	8,519	3	1									
Milwaukee, Wis.....	Apr. 8....	204,468	65	10						2		2	
Minneapolis, Minn.....	Apr. 1....	164,738	51	5						1			
Mobile, Ala.....	Apr. 8....	31,076	12	1									
New Albany, Ind.....	do.....	21,059	1										
New Bedford, Mass.....	do.....	40,733	14										
Newburyport, Mass.....	Apr. 1....	13,947	7						1				
New Orleans, La.....	do.....	242,039	165	28		2			1				1
Newport, R. I.....	Apr. 8....	19,457	5										
Newport, Mass.....	Apr. 1....	24,379	13	2									
Do.....	Apr. 8....	24,379	8	1									
New York, N. Y.....	do.....	d3,438,899	1,300	166					7	11	29	14	5
Norristown, Pa.....	Apr. 1....	19,791	5										
Do.....	Apr. 8....	19,791	3						1				
North Adams, Mass.....	do.....	16,074	4	1									
Oneonta, N. Y.....	do.....	6,272	3	1									
Ottumwa, Iowa.....	Mar. 4....	14,001	4	2									
Do.....	Mar. 11...	14,001	5	2					1				

a Estimated population, 65,165—white, 28,870; colored, 36,295.

c Cerebro-spinal meningitis, 7.

b White, 14; colored, 20.

d Estimated.

MORTALITY TABLE, CITIES OF THE UNITED STATES—Continued.

Cities.	Week ended.	Population, U. S. Census of 1890.	Total deaths from all causes.	Deaths from—									
				Pneumonia.	Yellow fever.	Smallpox.	Varicella.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
Ottumwa, Iowa.....	Mar. 18.....	14,001	4	1									
Do.....	Mar. 25.....	14,001	5	1						1			
Do.....	Apr. 1.....	14,001	4										
Petersburg, Va.....	Apr. 9.....	22,680	7	1									
Philadelphia, Pa.....	Apr. 1.....	1,046,964	504	55					43	3	11		1
Do.....	Apr. 8.....	1,046,964	584	73					48	3	2		4
Phillipsburg, N. J.....	Mar. 25.....	8,644	0										
Do.....	Apr. 8.....	8,644	0										
Pittsburg, Pa.....	do.....	238,617	110	6						8		1	3
Pittsfield, Mass.....	Apr. 1.....	17,281	7	1									
Do.....	Apr. 8.....	17,281	2										
Pittston, Pa.....	do.....	10,302	3										
Plainfield, N. J.....	do.....	11,267	1										
Port Huron, Mich.....	Apr. 1.....	13,543	6										
Portland, Me.....	do.....	36,425	25	2									
Do.....	Apr. 8.....	36,425	18	2						1			
Portsmouth, Va.....	do.....	13,268	5										
Pottstown, Pa.....	Apr. 1.....	13,284	2										
Do.....	Apr. 8.....	13,284	6	1									
Providence, R. I.....	do.....	132,146	57	8								1	
Reading, Pa.....	Apr. 10.....	58,661	24										
Salt Lake City, Utah.....	Apr. 1.....	44,843	13	1									1
San Diego, Cal.....	do.....	16,159	1										
Santa Barbara, Cal.....	do.....	5,864	1										
Scranton, Pa.....	Apr. 8.....	75,215	35									1	
Shreveport, La.....	Apr. 1.....	11,979	8	1									1
Do.....	Apr. 8.....	11,979	10										
Somerville, Mass.....	do.....	40,152	21	1									
Spokane, Wash.....	Apr. 1.....	19,922	5										
Tacoma, Wash.....	do.....	36,006	4										
Taunton, Mass.....	Apr. 8.....	25,448	8										
Waltham, Mass.....	do.....	18,707	8										
Warren, Ohio.....	do.....	5,973	2										
Washington, D. C.....	Apr. 1.....	230,392	118	13						3	2	1	1
West Tampa, Fla.....	do.....	64,000	0										
Wheeling, W. Va.....	do.....	35,013	13	3						1			
Wichita, Kans.....	Apr. 3.....	23,853	5										
Wilmington, Del.....	do.....	61,451	33	4						1		1	
Worcester, Mass.....	Mar. 24.....	84,655	44	6									
Do.....	Mar. 31.....	84,655	40	7									
Youngstown, Ohio.....	Apr. 8.....	33,220	19	1						3			

a Estimated.

Table of temperature and rainfall, week ended April 14, 1899.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	Excess.	Deficiency.	Normal.	Excess.	Deficiency.
Atlantic Coast:						
Eastport, Me.....	35	1		.79		.19
Portland, Me.....	39			.70	.40	
Northfield, Vt.....	35		5	.49	.21	
Boston, Mass.....	42		0	.82		.02
Vineyard Haven, Mass.....	44		2	.65		.05
Nantucket, Mass.....	41		1	.84		.14
Woods Hole, Mass.....	40		0	1.02		.42
Block Island, R. I.....	41		1	.80		.10
New Haven, Conn.....	43		3	.84	.36	
Albany, N. Y.....	41		3	.56		.06
New York, N. Y.....	45		3	.82	.08	
Harrisburg, Pa.....	46		6	.77	.03	
Philadelphia, Pa.....	47		3	.70		.10
New Brunswick, N. J.....	46		4	.74	.36	
Atlantic City, N. J.....	44		4	.84	.16	
Baltimore, Md.....	50		6	.84	.16	
Washington, D. C.....	50		8	.83	.11	
Lynchburg, Va.....	54		10	.77	.43	
Cape Henry, Va.....	52		6	1.07	1.23	
Norfolk, Va.....	54		8	.98	.32	
Charlotte, N. C.....	57		11	.86	.94	
Raleigh, N. C.....	57		11	.56	2.64	
Kittyhawk, N. C.....	53		9	1.10	1.30	
Hatteras, N. C.....	55		7	1.14	1.06	
Wilmington, N. C.....	60		10	.67	.73	
Columbia, S. C.....	60		10	.67	.73	
Charleston, S. C.....	63		9	.84	.36	
Augusta, Ga.....	63		11	.83	.77	
Savannah, Ga.....	64		8	.84		.24
Jacksonville, Fla.....	67		7	.70		.50
Jupiter, Fla.....	70		2	.49	.21	
Key West, Fla.....	75		3	.27		.27
Gulf States:						
Atlanta, Ga.....	58		10	.89	.21	
Tampa, Fla.....	70		6	.49	.91	
Pensacola, Fla.....	65		7	.88		.38
Mobile, Ala.....	65		11	1.28		.98
Montgomery, Ala.....	63		11	1.18		.68
Vicksburg, Miss.....	64		12	1.40	.10	
New Orleans, La.....	67		11	1.23		.83
Shreveport, La.....	65		11	1.20	.10	
Fort Smith, Ark.....	60		14	1.09		.79
Little Rock, Ark.....	61		13	1.04		.14
Palestine, Tex.....	65		13	1.00	.80	
Galveston, Tex.....	68		8	.63	.97	
San Antonio, Tex.....	69		9	.63		.23
Corpus Christi, Tex.....	69		5	.35	.25	
Ohio Valley and Tennessee:						
Memphis, Tenn.....	61		15	1.33		.53
Nashville, Tenn.....	58		14	1.12	.48	
Chattanooga, Tenn.....	57		11	1.14	.56	
Knoxville, Tenn.....	56		12	1.19	.51	
Louisville, Ky.....	54		12	1.09	.01	
Indianapolis, Ind.....	51		11	.84		.54
Cincinnati, Ohio.....	52		10	.70	.00	
Columbus, Ohio.....	47		7	.70		.10
Parkersburg, W. Va.....	50		8	.77	.23	
Pittsburg, Pa.....	48		8	.63	.67	
Lake Region:						
Oswego, N. Y.....	39		5	.49	.71	
Rochester, N. Y.....	40		6	.56	.44	
Buffalo, N. Y.....	39		5	.56	.24	
Erie, Pa.....	41		7	.56	.04	
Cleveland, Ohio.....	43		9	.50		.10
Sandusky, Ohio.....	43		9	.56		.16
Toledo, Ohio.....	45		9	.49		.39
Detroit, Mich.....	43		7	.49		.39
Lansing, Mich.....	41		7	.54		.54
Port Huron, Mich.....	39		5	.44		.44
Alpena, Mich.....	34		2	.42		.42
Sault Ste. Marie, Mich.....	33		5	.35		.25
Marquette, Mich.....	35		3	.43		.43
Green Bay, Wis.....	40		4	.49		.49

a The figures in these columns represent the average daily departure.

Table of temperature and rainfall, week ended April 14, 1899—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	a Excess.	a Deficiency.	Normal.	Excess.	Deficiency.
Lake Region—Continued.						
Grand Haven, Mich.....	40		4	.56		.56
Milwaukee, Wis.....	40		4	.63		.63
Chicago, Ill.....	43		7	.70		.70
Duluth, Minn.....	35	1		.51		.51
Upper Mississippi Valley:						
St. Paul, Minn.....	41		5	.50		.50
La Crosse, Wis.....	44		6	.47		.47
Dubuque, Iowa.....	45		7	.63		.63
Davenport, Iowa.....	46		6	.59		.59
Des Moines, Iowa.....	47		9	.53		.43
Keokuk, Iowa.....	49		13	.66		.66
Hannibal, Mo.....	51		13	.56		.36
Springfield, Ill.....	50		12	.79		.79
Cairo, Ill.....	57		13	.91	.09	
St. Louis, Mo.....	54		12	.84		.34
Missouri Valley:						
Columbia, Mo.....	53		15	.95		.35
Springfield, Mo.....	55		17	.81		.21
Kansas City, Mo.....	52		14	.61	.19	
Topeka, Kans.....	53		15	.49	.11	
Wichita, Kans.....	56			.49	.43	
Concordia, Kans.....	54		14	.42		.22
Lincoln, Nebr.....	48		10	.51		.01
Omaha, Nebr.....	48		12	.63		.63
Sioux City, Iowa.....	46		8	.66		.66
Yankton, S. Dak.....	43		5	.67		.67
Valentine, Nebr.....	46		6	.62		.62
Huron, S. Dak.....	43		7	.69		.69
Pierre, S. Dak.....	46		12	.41		.41
Bismarck, Minn.....	37		3	.47		.27
Bismarck, N. Dak.....	38		6	.47		.47
Williston, N. Dak.....	39		7	.25		.25
Rocky Mountain Region:						
Havre, Mont.....	42		6	.21		.21
Helena, Mont.....	43	1		.23		.23
Miles City, Mont.....	42		4	.21		.11
Rapid City, S. Dak.....	44		8	.46		.46
Spokane, Wash.....	47	1		.28	.22	
Wallawalla, Wash.....	51	3		.39		.39
Baker City, Oreg.....	42	4		.28		.18
Winnemucca, Nev.....	46	10		.21		.21
Idaho Falls, Idaho.....	40	2		.35		.35
Salt Lake City, Utah.....	48	4		.54		.54
Lander, Wyo.....	39	3		.45		.15
Cheyenne, Wyo.....	39		3	.28		.08
North Platte, Nebr.....	46		6	.45		.45
Denver, Colo.....	45		3	.38		.08
Pueblo, Colo.....	49		5	.26		.16
Dodge City, Kans.....	52		10	.30		.10
Oklahoma, Okla.....	58		14	.58	.22	
Amarillo, Tex.....	53		7	.14		.04
Abilene, Tex.....	64		12	.53	.37	
Santa Fe, N. Mex.....	45		1	.14		.04
El Paso, Tex.....	63		5	.02	.68	
Phoenix, Ariz.....	66	4		.07		.07
Pacific Coast:						
Seattle, Wash.....	48	2		.77		.47
Tacoma, Wash.....	47	1		.84		.54
Fort Canby, Wash.....	48	2		1.33		.43
Portland, Oreg.....	50	2		.88		.48
Roseburg, Oreg.....	51	3		.63		.53
Eureka, Cal.....	49	1		1.14		.94
Redbluff, Cal.....	58	8		.56		.56
Carson City, Nev.....	47	7		.21		.21
Sacramento, Cal.....	57			.56		.56
San Francisco, Cal.....	54	4		.55		.55
Fresno, Cal.....	59	9		.39		.39
San Luis Obispo, Cal.....	56	6		.55		.55
Los Angeles, Cal.....	58	6		.41		.41
San Diego, Cal.....	58	0		.21		.21
Yuma, Ariz.....	69	5		.04		.04

a The figures in these columns represent the average daily departure.

FOREIGN.

[Reports received from United States consuls through the Department of State and from other sources.]

Cholera, yellow fever, plague, and smallpox as reported to the Supervising Surgeon-General United States Marine-Hospital Service, December 31, 1898, to April 14, 1899.

CHOLERA.

Places.	Date.	Cases.	Deaths.	Remarks.
India:				
Bombay.....	Dec. 20-Jan. 31...	.....	14	
Calcutta.....	Nov. 26-Feb. 25...	.....	343	
Madras.....	Nov. 19-Feb. 24...	.....	29	
Singapore.....	Dec. 1-Dec. 30...	.....	1	

YELLOW FEVER.

Brazil:				
Bahia.....	Dec. 24-Mar. 11...	10	4	
Rio de Janeiro.....	Nov. 11-Feb. 17...	.....	196	
Colombia:				
Barranquilla.....	Dec. 2-Mar. 4...	8	8	
Cuba:				
Havana.....	Dec. 16-Mar. 30...	.....	8	
Matanzas.....	Mar. 16-Mar. 30...	2	.....	One in United States Army.
Mexico:				
Vera Cruz.....	Dec. 8-Mar. 30...	.....	38	

PLAGUE.

Arabia:				
Djiddah.....	Feb. 22-Mar. 16...	.....	19	
China:				
Hongkong.....	Dec. 10-Jan. 21...	2	2	
Do.....	Apr. 11.....	.....	.....	Outbreak of plague reported.
Formosa:				
Taichu.....	Jan. 12-Jan. 18...	1	.....
Tainan.....	Jan. 9-Jan. 18...	24	17	
Taipei.....	Dec. 25.....	10	2	
Taiwan.....	Dec. 31.....	.....	.....	Plague exists.
Tamsui.....	Jan. 1-Jan. 10...	7	2	
India:				
Bombay.....	Nov. 22-Feb. 21...	.....	1,375	
Calcutta.....	Jan. 21-Feb. 25...	.....	22	
Madras.....	Nov. 19-Nov. 25...	.....	1	
Madagascar:				
Tamatave.....	Nov. 26-Feb. 8...	309	210	
Mauritius:				
Port Louis.....	Jan. 25.....	1	1	

SMALLPOX.

Africa:				
Lorenzo Marquez.....	Dec. 1-Dec. 24...	18	.....
Argentina:				
Buenos Ayres.....	Nov. 1-Nov. 30...	.....	5	
Belgium:				
Antwerp.....	Dec. 3-Jan. 7...	41	14	
Brazil:				
Bahia.....	Nov. 19-Mar. 11...	159	10	
Rio de Janeiro.....	Nov. 11-Feb. 17...	145	66	

Cholera, yellow fever, plague, and smallpox, etc.—Continued.

SMALLPOX—Continued.

Places.	Date.	Cases.	Deaths.	Remarks.
Canada:				
Ontario:				
Coburg County.....	Jan. 30-Feb. 22...	1	.....
Dundas County.....	Jan. 30-Feb. 22...	1	1	
Durham County.....	Jan. 30-Feb. 22...	1	.....
Essex County.....	Jan. 30-Feb. 22...	1	.....
Grenorth County.....	Jan. 30-Feb. 22...	5	1	
Kent County.....	Jan. 30-Feb. 22...	3	.....
Northumberland County...	Jan. 30-Feb. 22...	1	.....
Prescott County.....	Jan. 30-Feb. 22...	15	3	
Stormont County.....	Jan. 30-Feb. 22...	11	1	
York County.....	Jan. 30-Feb. 22...	3	.....
Province of Quebec.....	Jan. 26-Mar. 25...	14	1	
China:				
Fuchou.....	Feb. 25.....	.....	.....	Smallpox prevalent.
Hongkong.....	Jan. 1-Feb. 25...	18	7	
Ceylon:				
Colombo.....	Dec. 24-Dec. 31...	.....	1	
Cuba:				
Habana.....	Dec. 30.....	1	.....	In United States Army.
Santiago.....	Feb. 23-Mar. 21...	2	.....	On steamship Thomas Brooks.
Egypt:				
Cairo.....	Jan. 16-Mar. 11...	.....	5	
England:				
Liverpool.....	Dec. 3-Mar. 18...	3	1	
London.....	Dec. 17-Mar. 11...	6	1	
South Shields.....	Jan. 21-Jan. 28...	1	.....
Sunderland.....	Jan. 15-Jan. 21...	2	.....
France:				
Paris.....	Dec. 24-Feb. 11...	.....	3	
Gibraltar:				
Gibraltar.....	Jan. 30-Feb. 12...	2	1	
Greece:				
Athens.....	Mar. 11-Mar. 25...	38	26	
India:				
Bombay.....	Nov. 22-Feb. 21...	.....	14	
Calcutta.....	Nov. 19-Feb. 11...	.....	4	
Colombo.....	Dec. 24-Dec. 31...	.....	1	
Madras.....	Nov. 26-Mar. 3...	.....	6	
Singapore.....	Dec. 1-Jan. 31...	.....	22	
Italy:				
Milan.....	Jan. 22-Jan. 28...	1	.....
Japan:				
Awomori Ken.....	Nov. 18-Dec. 31...	126	28	
Chiba Ken.....	Dec. 9-Dec. 31...	1	.....
Hiogo Ken.....	Nov. 18-Dec. 8...	1	.....
Iwate Ken.....	Dec. 9-Dec. 31...	1	.....
Kanagawa Ken.....	Nov. 18-Dec. 8...	1	.....
Nagano Ken.....	Dec. 9-Dec. 31...	1	.....
Nagasaki Ken.....	Nov. 18-Mar. 6...	3	.....
The Hokkaido.....	Nov. 18-Dec. 8...	8	.....
Tottori Ken.....	Nov. 18-Dec. 8...	3	.....
Korea:				
Seoul.....	Jan. 1-Mar. 4...	.....	.....	Smallpox endemic.
Madagascar:				
Tamatave.....	Jan. 18-Jan. 25...	8	.....
Tananarivo.....	Nov. 26-Jan. 18...	123	6	
Mexico:				
C. P. Diaz.....	Jan. 10.....	.....	.....	Do.
Chihuahua.....	Feb. 11-Feb. 25...	10	.....
City of Mexico.....	Jan. 7-Mar. 25...	.....	10	
Juarez.....	Dec. 31-Mar. 26...	.....	24	
Monterey.....	Feb. 18.....	15	.....
Monterey.....	Dec. 2-Jan. 5...	.....	3	
Nuevo Laredo.....	Jan. 29-Feb. 4...	9	1	
Vera Cruz.....	Jan. 5-Mar. 17...	.....	5	
Russia:				
Moscow.....	Dec. 24-Mar. 11...	66	29	
Odessa.....	Jan. 7-Mar. 18...	18	4	
St. Petersburg.....	Jan. 1-Mar. 18...	42	7	
Warsaw.....	Jan. 16-Feb. 25...	.....	11	
Turkey:				
Bagdad.....	Oct. 22-Nov. 27...	96	20	
Constantinople.....	Jan. 2-Mar. 13...	.....	116	
Smyrna.....	Dec. 25-Mar. 5...	.....	8	

Current quarantine measures.

[Translated in this Bureau from the "Veröffentlichungen des Kaiserlichen Gesundheitsamtes," Berlin, March 22, 1899.]

PLAGUE.

TURKEY.—According to advices of March 8, the board of health has decreed that the ten days' quarantine prescribed for all arrivals from Djiddah be extended to the entire coast line of the Hedjaz from Manurel-el Hawodich (Lith) to Yambo, exclusive of the ports above named.

GREECE.—According to advices of March 8 the government has decreed a ten days' quarantine against arrivals from Djiddah. The time during which vessels may have been en route from Djiddah to any Greek port shall not be taken into account in applying quarantine.

The quarantine station is the Island of Delos. Vessels arriving from the coast of the Red Sea and the Mediterranean are subject to medical inspection.

ARABIA.—Serious riots have occurred at Djiddah in consequence of the attempt to enforce measures for preventing the spread of plague. The sanitary service has been practically abolished, together with the service of information with regard to the status of the plague epidemic. A plague outbreak having been reported from Mecca, the board of health resolved on March 7 to allow free communication between Djiddah and Mecca.

EGYPT.—The international board of health at Alexandria resolved on February 25 to put the plague regulations in force from that date against Djiddah.

PERSIA.—On March 12 the government gave telegraphic notification to all governors of provinces or districts to check the pilgrimage.

SOUTH AFRICAN REPUBLIC.—On February 9 a Hindoo died at Middleburg under suspicion of plague. Measures of isolation were rigorously carried out with regard to all persons who had come in contact with the deceased. During the first week in February the government of Pretoria addressed a letter of advice to the representatives of the South African States, recommending measures for preventing the introduction of plague.

ORANGE FREE STATE.—According to advices of February 11, the government has prohibited entrance into and transit through its jurisdiction to all Hindoos.

SMALLPOX.

DANISH ANTILLES.—According to advices of March 8, on account of the outbreak of malignant smallpox at Ponce, Porto Rico, a fifteen days' quarantine is ordered for all vessels arriving from that port.

Operations in Cuba and Porto Rico.

CUBA.

Havana.—Sanitary Inspector Brunner reports that the *Protector* has been in operation during the past week, and is disinfecting the baggage of outgoing passengers, with the exception of troops, it being understood that the latter is to be disinfected upon arrival in the United States. Dr. Brunner also reports that the work of disinfection is so pressing that he has engagements for a week ahead.

Matanzas.—Passed Assistant Surgeon G. M. Guiteras, quarantine officer, reports that the steam chamber, autoclaves, and appliances for the use of sulphur have arrived and are being put in position, and the work of inspection is being done preliminary to the complete work, which is to include disinfection of outgoing vessels, effects, etc.

Cienfuegos.—Assistant Surgeon S. B. Grubbs, quarantine officer, reports that the steam chamber donated by the War Department will be put in position on the pier at the earliest possible moment. The pier has been purchased and building is being erected. Negotiations have been begun for a steam launch for this station. At present Assistant Surgeon Grubbs, quarantine officer, is inspecting by means of a small boat. One case of yellow fever from Vera Cruz has been stopped here.

Santiago.—Passed Assistant Surgeon M. J. Rosenau, quarantine officer, reports that the inspection work at this station has been in operation for some time, and to facilitate the same a steam launch has been contracted for and is expected to be ready for delivery within the following week, and a barge for disinfecting machinery has been bought and named *Rough Rider*. Disinfection will be begun as soon as the necessary apparatus can be set up. Formaldehyd disinfection has already been provided for.

PORTO RICO.

San Juan.—Surgeon A. H. Glennan, quarantine officer, reports that formaldehyd disinfection has been provided for, and inspection of incoming and outgoing vessels is in progress.

Ponce.—Assistant Surgeon Claude H. Lavinder, quarantine officer, reports that formaldehyd disinfection has been provided for, and inspection of incoming and outgoing vessels is in progress.

BARBADOS.

Quarantine and sanitary report.

BARBADOS, March 4, 1899.

SIR: I have to report as follows:

Barbados.—The quarantine here against Cuba and Venezuela (including the inspection of arrivals from Barancas, Ciudad, Bolivar, Caracas, and La Guayra) has been taken off, but quarantine has been imposed on arrivals from Ponce, Porto Rico, and all persons arriving from other ports of Porto Rico must, in order to entitle them to be admitted to free pratique here, produce to the health officer a certificate from a British consul at Porto Rico that they had not within the preceding fourteen days been at or in the neighborhood of Ponce, or any other place where yellow fever or smallpox was known to visit. Quarantine is in force here against Bahia, Para, Ponce, and Rio de Janeiro.

Para.—The British consul there on February 1 wrote that during January there had been 24 deaths from yellow fever, and on the 20th ultimo he issued a bill of health to the steamship *Camatense* indorsed, "There have been several deaths from yellow fever during previous fortnight." The American consul's bill of health issued on 21st ultimo to same vessel reported 15 deaths from yellow fever during previous fortnight.

Manaos.—The American consul's bill of health issued on 17th ultimo to steamship *Camatense* reported 1 death from yellow fever during previous fortnight.

The reports forwarded by the chairman of the St. Lucia quarantine board give the following particulars:

Bahia.—For the fourteen days prior to February 15, 1899, 12 cases smallpox.

Rio de Janeiro.—For the fourteen days prior to February 11, 1899, 79 cases, 41 deaths from yellow fever.

Victoria.—For the fourteen days prior to February 4, 1899, 42 cases, 20 deaths from yellow fever.

Pernambuco.—For the fourteen days prior to February 10, 1899, clean bill of health.

Santos.—For the fourteen days prior to February 6, 1899, clean bill of health.

Trinidad.—Quarantine is in force there against Bahia, Para, Pernambuco, and Rio de Janeiro. Arrivals from the Carribbean ports of Venezuela are subject to medical inspection.

Dutch Guiana.—The British consul at Paramaribo wrote on February 27 last that the health of that place and the colony generally was good, and that quarantine was not at present in force there against any place.

St. Vincent.—Quarantine is in force there against Bahia, Cuba, Para, Rio de Janeiro, Santos, and Venezuela.

St. Lucia.—Quarantine is in force there against Bahia, Para, Rio de Janeiro, and Victoria (Brazil). Arrivals from Porto Rico are subject to medical inspection.

Leeward Islands.—Quarantine is in force there against Bahia, Cuba, Manaos, Panama, Para, Porto Cabello, Rio de Janeiro, Santos, Valencia, and La Guayra. Arrivals from Porto Rico are subject to medical inspection.

St. Thomas.—Quarantine is in force there against Bahia, Cuba, Marguerita, Para, Ponce, Rio de Janeiro, Tampico, and Vera Cruz.

As a result of information received this morning from the St. Lucia quarantine board, the board here will at their next meeting recommend that Victoria, Brazil, be declared infected with yellow fever.

Yours, respectfully,

JAS. SANDERSON,
Clerk, Quarantine Board.

The SUPERVISING SURGEON-GENERAL,
U. S. Marine-Hospital Service.

BRAZIL.

Vital statistics of Bahia for October, 1898.

CONSULATE OF THE UNITED STATES,
Bahia, Brazil, March 17, 1899.

SIR: I inclose herewith a report on the vital statistics of Bahia for the month of October, 1898, compiled from the official publication issued this day.

Respectfully, yours,

H. W. FURNISS,
United States Consul.

HON. SECRETARY OF TREASURY.

[Inclosure.]

Vital statistics of Bahia for month of October, 1898.

	Centi- grade.
Maximum temperature	28
Minimum temperature	21.5
Average temperature.....	24.57
Relative humidity	83.81

Vital statistics of Bahia for month of October, 1898—Continued.

	Milli- meter.
Rainfall	41
Number of rainy days.....	7
Cases of infectious diseases:	Number.
Yellow fever, male.....	46
Smallpox—	
Male	13
Female	9
Race—	
White	3
Negro	5
Mixed	3
Unknown.....	11
Had at some time been vaccinated.....	4
Had never been vaccinated	16
Without declaration	2
Treated in hospital	9
Died in hospital	2
Treated at home.....	13
Died at home.....	2
Births, alive (incomplete)—	
Male	21
Female	15
Legitimate.....	20
Illegitimate	16
Births, stillborn—	
Male	13
Female	7
Marriages.....	20
Deaths—	
Male.....	203
Female	195
Nationality—	
Brazilian	374
Portuguese.....	3
Spanish	4
African	15
Unknown	2
Causes of deaths—	
Smallpox	4
Yellow fever.....	3
Enteric fever.....	9
Typhus	2
Beriberi.....	7
Pulmonary tuberculosis.....	64
Malarial fevers	26
Bronchitis.....	17
Circulatory diseases.....	36
Pneumonia	2
Diarrhea and dysentery	51
Tetanus	4
Syphilis.....	2
Cerebral hemorrhage and congestion.....	19
Meningitis.....	6
Nephritis	12
Tetanus, infantile.....	13
Elephantiasis, scrotal.....	2
Other causes.....	119

a Two of these were Portuguese and 4 Spanish. Two had been here eight days, 1 nine days, 1 ten days, 1 fourteen days, and 1 four years and three months.

CHINA.

Outbreak of plague in Hongkong.

DEPARTMENT OF STATE,
Washington, D. C., April 11, 1899.

SIR: I have the honor by direction of the Secretary of State to inform you that a telegram has just been received from the consul-general at Hongkong announcing the presence of the plague at that place.

I have the honor to be, sir, your obedient servant,

THOS. W. CRIDLER,
Third Assistant Secretary.

Hon. SECRETARY OF THE TREASURY.

CUBA.

Deaths in Cienfuegos for two weeks ended March 31, 1899.

CIENFUEGOS, CUBA, April 4, 1899.

SIR: I have the honor to report herein the causes of death, with the numbers, for this city during the two weeks ended March 31, 1899. This list was made up from the records at the office of the alcalde: Brights disease, 2; typho-malaria, 3; cerebral hemorrhage, 2; cirrhosis of liver, 2; dysentery, 8; abscess, 1; tuberculosis, 12; endopericarditis, 1; malaria, 13; diabetes mellitus, 1; enteritis, 5; purpura hemorrhagica, 1; meningitis, 2; tetanus, 1; heart disease, 8; cancer, 1; myelitis, 1; intestinal obstruction, 2; intestinal tuberculosis, 1; hydræmia, 2; rachitis, 1; puerperal fever, 1; accidental, 2; stillbirth, 1; total, 74. Total for third week in March, 38; total for last week in March, 36.

Respectfully, yours,

S. B. GRUBBS,
Assistant Surgeon, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL,
U. S. Marine-Hospital Service.

MADAGASCAR.

Subsidence of bubonic plague in Tamatave.

[Number 38.]

CONSULATE OF THE UNITED STATES,
Tamatave, February 18, 1899.

SIR: Adverting to previous correspondence on the subject of the bubonic plague at this port, I have the honor to advise you that the epidemic has about subsided, and the prospects of an early raising or suspension of the quarantine are encouraging. From January 26 to February 8 there have been only 2 deaths (natives) and 1 new case.

Respectfully, yours,

M. W. GIBBS,
U. S. Consul.

Hon. ASSISTANT SECRETARY OF STATE.

MAURITIUS.

Plague in Port Louis.

[No. 63.]

THE UNITED STATES CONSULATE,
Port Louis, Mauritius, February 14, 1899.

SIR: In confirmation of my cablegram to the Department, dated the 8th instant, I have now the honor to further report the official announcement of the existence of plague in Mauritius, and the supposed cause of the introduction of this dreaded malady, which is attributed to the great number of rats brought here from India in vessels trading with the islands.

I may remark in this connection that during the past three years that this terrible calamity has been devastating the population of India it has been always found that sooner or later the scourge would reach this island. Finally, on January 25 of this year, the first case of genuine plague was discovered at Port Louis, and which, after the due analysis of the blood of the victim, was declared by the health commission to be a true case of plague, and from which the victim died a most excruciating death twenty-four hours after having been attacked.

All the suspects have been removed from the affected quarter to a quarantine station in the suburbs of Port Louis, and there is much excitement among the poor and unfortunate population of the town.

For the past two years the so-called press of the colony has kept up a sort of a general howl about the plague, tending more to frighten this ignorant, half-civilized and half-starved mass of humanity into a state of mind that would naturally affect more robust constitutions and less excitable temperaments, without even suggesting any practical movement to prevent the introduction or spread of the plague in the colony until the reality has to be faced.

It is true that in the interim, the legislative council had passed some quarantine ordinances, which, it seems, tend more to embarrass shipping, than to prevent the introduction or spread of contagious diseases. Whilst, on the other hand, the municipality of Port Louis had been talking a great deal but doing very little toward the cleansing of the town which is admitted to be one of the most unhealthy and most filthy towns in the whole world.

The population of Port Louis is said to be between 65,000 and 70,000 souls, made up out of the very lowest grades of Creoles, Asiatics of nearly every type, and the very worst specimens of negroes. None of the better class of the population and but very few white people reside in Port Louis.

This mass of humanity is packed together in the lower part of the town, like sardines in a box, where there is no drainage or other sanitary accommodations and the only outlet for the human excrements is by carting the offal outside the town, where after undergoing a crude chemical process, it is sold as a manure to the plantations. It can hardly be doubted that unless some immediate and drastic steps are taken to remedy the existing state of things in Port Louis that the town, and especially at this, the extremely hot and damp season of the year, will become a fruitful hotbed for the propagation of plague.

In order to illustrate some of the methods resorted to to prevent the spread of the pest in town, I may remark that the mayor of the town

offered a premium of 5 cents a head for every rat that was killed in Port Louis. It seems that some of the vagrants about town collected a number of dead rats in the suburban towns, and carted them to a vacant lot in Port Louis. But it appears that the people of Port Louis informed the police of the trick.

The mayor then issued a new proclamation offering the reward to those only who would bring the rats alive to the city hall. It appears that a boy brought 2 live rats to the Hotel de Villa and demanded the premium for the live rodents. The payment was refused. The boy went away disgusted, killed the rats and threw them in the streets, where they were allowed to remain to the better honor of the inhabitants and the terror to those who passed the way, everyone was afraid to approach them. Finally the mayor had to find 2 brave policemen who summoned up courage enough to remove the rats, to the great relief of the neighborhood.

There is some talk of making a lazaretto quite near the consulate for the reception of suspects and convalescent patients. If this plan is carried out, I will be forced to remove the consulate if I can find other quarters. While I am not at all afraid or alarmed, yet I do not care to expose myself to any unnecessary danger or run any risk.

Since the beginning of this year there has been already shipped 3 cargoes of sugar to the States. The first left here by the steamship *Bansoto*, for Delaware Breakwater, January 7, 1899.

The American bark *W. B. Flint*, of New York, left this port in ballast January 21, 1899, via Cochin and India for New York. These two vessels had clean bills of health, as they left here before the detection of plague. The American bark *Samor*, of Boston, cleared from here February 3 with a cargo of sugar for Sandy Hook, and the British steamer *Creigearn* left on the 4th instant with a cargo of sugar for Delaware Breakwater. These 2 vessels have unclean bills of health.

Referring to instructions of Department circular dated October 31, 1898, calling attention of consuls to forward weekly sanitary reports, provided for in paragraph 375, section II, of the consular regulations, I have to inform the Department that I have none of the new forms, 1934b, on hand, and when, later on, if I can procure any definite information from the health department of Port Louis regarding the sanitary condition of the town and colony, I must use the old form, No. 167, which number I see from the new schedule for stationery requisitions now appertains to statements of official services necessarily rendered to American vessels and seamen.

In this connection I have to inform the Department that it is quite impossible, with the means at hand, to comply fully with the order of the circular. However, I will do the best I can to send the required information.

I have the honor to be, sir, your obedient servant,

JOHN P. CAMPBELL,
United States Consul.

Hon. ASSISTANT SECRETARY OF STATE.

[Inclosure.]

Correspondence—Destruction of rats at Port Louis.

PORT LOUIS, *February 7, 1899.*

SIR: The colony is at last thoroughly awakened to the sad truth that we are exposed to the imminent danger of an outbreak of the bubonic plague, and is prepared to support the government and sanitary authorities in the most strenuous and drastic measures which may be considered necessary to prevent the spread of or stamp out the

disease. However obscure may be the cause of its introduction, it appears to be well established that rats are effective vehicles of contamination, and a war of extermination has been declared against them. Now rats swarm everywhere—especially where grain is stored—and if there is no direct evidence that plague germs can be imported in grain bags, there is no doubt whatever that grain bags attract rats in myriads, and common sense dictates that the latter should be attacked at the point most favorable to their destruction, viz, in the grain warehouses. Now there is nothing like the mongoose, or munguz, for the extermination of these vermin; a dozen pair of mongooses turned down in the docks would clear them out in an incredibly short time, and I imagine that there are enough rats in Port Louis to last for some time. After that planters might be glad to turn some down in the cane fields, and would save many thousands of rupees every year.

There are drawbacks about the animal, which will be found well described in a letter reprinted from the Field, in the Revue Agricole, No. 9, vol. 9, in September, 1895.

There need be no difficulty in keeping down their numbers if they multiply too prolifically, but, in the face of a common danger, incidental sufferings must be borne in common, and if ground game and partridges become rare our sportsmen will have the satisfaction of knowing that the colony flourishes at the expense of a few days loss to them of rather second-rate shooting, and many get some small compensation besides in an occasional snap shot at a stray pig, as recommended by the authorities. After all the mongoose may confine his attention to town rats, and I suggest that the sanitary authorities telegraph to India for a consignment of a dozen couple by the next British India boat.

Your obedient servant,

COLONIA.

FOREIGN STATISTICAL REPORTS.

BERMUDA.—Week ended March 17, 1899. Estimated population, 15,013. One death. No contagious diseases.

Week ended March 31, 1899. One death. No contagious diseases.

BRAZIL—Para.—Month of December, 1898. Estimated population, 50,000. Total number of deaths, 124. No contagious diseases reported.

Month of January, 1899. Total number of deaths, 218. No contagious diseases reported.

Month of February. Total number of deaths, 210. No contagious diseases reported.

BRITISH HONDURAS—Belize.—Month of February, 1899. Estimated population, 30,000. Total number of deaths, 93, including 3 from whooping cough.

CANADA—Winnipeg, Manitoba.—Month of March, 1899. Estimated population, 49,000. Total number of deaths not reported. One death from diphtheria and 2 from phthisis pulmonalis.

ITALY—Florence.—Month of January, 1899. Estimated population, 199,080. Total number of deaths, 415, including diphtheria, 2; enteric fever, 4; scarlet fever, 2; whooping cough, 2, and 35 from phthisis pulmonalis.

JAMAICA.—Two weeks ended March 18, 1899. Estimated population, 694,866. Number of deaths not reported. No contagious diseases reported. The health of the port is good.

JAVA—Batavia.—Month of January, 1899. Estimated population, 150,000. Number of deaths not reported. No contagious diseases reported.

MALTA.—Two weeks ended January 31, 1899. Estimated population, 180,328. Total number of deaths, 209, including diphtheria 1, and 4 from phthisis pulmonalis. Four cases of enteric fever in army and fleet.

NICARAGUA—San Juan.—Month of March, 1899. Estimated population, 1,156. Total number of deaths, 7. No contagious diseases.

MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.
											Whooping cough.
Acapulco.....	Mar. 25....	6,500	5								
Alexandretta.....	Mar. 11....	6,000	3								
Amherstburg.....	Apr. 1....	2,300	3								
Amsterdam.....	Mar. 25....	515,027	186					1			1 3
Athens.....	do.....	200,000	23		23						
Bahia.....	Mar. 11....	200,000	0		2						
Barmen.....	Mar. 18....	137,000	40								
Barranquilla.....	Mar. 11....	40,000	11					1			
Belfast.....	Mar. 18....	309,960	174					2		3 7	8
Belize.....	Mar. 30....	13,000	8								
Belleville.....	Apr. 3....	10,300	1								
Berlin.....	Mar. 4....	1,747,903	611					2 15	17 5		
Do.....	Mar. 11....	1,747,903	725					1 12	18 4		
Bluefields.....	Mar. 25....	3,018	2								
Bradford.....	Mar. 18....	231,260	91					1		1 2	6
Bremen.....	do.....	144,500	54								
Breslau.....	do.....	300,000	194					3			
Bristol.....	do.....	320,911	110							1	3
Brussels.....	do.....	551,611	294					2 2	12 1		
Cairo, Egypt.....	Mar. 11....	570,062	388		1 2	9		2			
Callao.....	Mar. 5....	25,000	23					1			
Do.....	Mar. 12....	25,000	16								
Cardiff.....	Mar. 25....	185,826	48						2		4
Cartagena.....	Mar. 18....	25,000	6								
Catania.....	Mar. 23....	124,000	73				3			1	
Chihuahua.....	Mar. 25....	24,000	17		1						
Do.....	Apr. 1....	24,000	24					1		1	
Chaudiere Junction.....	do.....	500	0								
Chemnitz.....	Mar. 18....	172,840	89						1 2		
Coburg.....	do.....	19,513	5								
Cologne.....	do.....	355,631	139						2		
Colon.....	Mar. 15....	8,000	2								
Do.....	Mar. 22....	8,000	0								
Colombo.....	Feb. 18....	130,000	86					1			
Do.....	Feb. 25....	130,000	77					4			
Constantinople.....	Mar. 6....	750,000	340		11			3	5 2		
Do.....	Mar. 13....	750,000	354		7			9	1 4		
Copenhagen.....	Mar. 18....	351,000	155					3 2	5 6		
Crefeld.....	Mar. 25....	110,000	31								
Curacao.....	Mar. 18....	29,098	8								
Dresden.....	Feb. 25....	390,300	a 162						2 2		3
Dublin.....	Mar. 18....	349,594	b 217				1		2		10
Edinburgh.....	do.....	298,927	106					1	1 2		9
Flushing.....	Mar. 25....	18,371	7								
Frankfort-on-the-Main.....	Mar. 18....	253,000	92						3 1		1
Geneva.....	Mar. 11....	90,708	30						3		
Ghent.....	Mar. 25....	162,652	100				1				1
Gibraltar.....	Mar. 19....	25,900	14								
Girgenti.....	Mar. 18....	24,428	8								
Glasgow.....	do.....	724,349	309					4 3	4 18		10
Gothenburg.....	do.....	122,205	38					1 1			
Guayaquil.....	Mar. 11....	50,000	81								
Halifax.....	Apr. 1....	45,000	12								
Hamburg.....	Mar. 25....	675,351	24						4		4
Havre.....	Mar. 18....	119,470	87								2
Hongkong.....	Feb. 25....	248,710	95			4		1			
Honolulu.....	Feb. 11....	30,000	22					1			
Do.....	Feb. 18....	30,000	18								
Do.....	Feb. 25....	30,000	15								
Do.....	Mar. 4....	30,000	18								
Do.....	Mar. 11....	30,000	20								1
Do.....	Mar. 18....	30,000	23					1			
Kingston, Canada.....	Apr. 1....	18,800	4								
Leeds.....	Mar. 25....	423,889	203						6 5		6
Leipsic.....	Mar. 18....	430,635	177					1 1		1	
Leith.....	do.....	77,385	26				2			2 2	
Licata.....	do.....	20,000	16				1 3				
Liverpool.....	do.....	665,645	349				1 1	2 6	2 2		
Livingston, Guatemala.....	Mar. 25....	1,500	0								
London, Canada.....	Mar. 28....	42,000	14						1		
London, England.....	Mar. 18....	6,528,434	2,738					12 7	54 58		89

a Influenza, 10.

b Influenza, 9.

MORTALITY TABLE, FOREIGN CITIES—Continued.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—							
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles. Whooping cough.
Manchester	Mar. 18....	546,010	327					2		20	4
Mannheim	do.....	111,613	43				1			1	
Maracaibo	do.....	50,000	16								
Marseilles	Mar. 25....	447,344	256								
Matamoras	Mar. 31....	16,304	6								
Mayence	Mar. 18....	80,000	27								
Monterey	Mar. 30....	25,000	52								
Moscow	Mar. 11....	1,000,000	532			2	1	5	10	11	1
Nagasaki	Feb. 28....	132,000	0								
Nice	Mar. 27....	108,227	52					1			
Nuremberg	Mar. 4....	230,000	113							1	6
Odessa	Mar. 18....	400,600	145					2		5	1
Osaka and Higo	Feb. 11....	202,912	89				1			1	
Do.....	Feb. 18....	202,912	104				1			2	
Do.....	Feb. 25....	202,912	97							1	
Do.....	Mar. 4....	202,912	115							3	
Palermo	Mar. 18....	300,000	137					1		1	
Paris	do.....	2,511,955	1,295		1		17	4	14	20	17
Plymouth	Mar. 25....	99,848									4
Pointe à Pitre, West Indies...	Feb. 19....	17,100	10								
Prague	Mar. 18....	196,237	148					3		3	
Puerto Cabello	do.....	17,000	6								
Do.....	Mar. 25....	17,000	7								
Puerto Cortes	Mar. 29....	2,000	0								
Rheims	Mar. 18....	108,943	47							1	
Do.....	Mar. 25....	107,709	53							1	1
Rio de Janeiro	Feb. 24....	768,000	a 385	41	1		4				
Rotterdam	Mar. 25....	310,349	126					1	1		
St. Petersburg	Mar. 18....	1,267,023	631		1	1	21	11	11	10	6
St. Stephen, New Brunswick...	Apr. 1....	3,000	1								
Sheffield	Mar. 18....	362,182	172					2	3	7	
Solingen	do.....	43,928	19								1
Southampton	Mar. 25....	103,168	52							2	1
Stettin	Mar. 11....	150,000	64					1			
Do.....	Mar. 18....	150,000	59							1	
Stockholm	Mar. 21....	283,500	110							6	2
Stuttgart	Mar. 23....	162,934	58								
Sunderland	Mar. 18....	145,613	57					1		1	2
Trapani	do.....	45,095	19								
Trieste	do.....	165,000	81						1	3	
Vera Cruz	Mar. 30....	25,000	42		2						
Victoria, British Columbia ...	Mar. 11....	20,000	7								
Do.....	Mar. 18....	20,000	5								
Do.....	Mar. 25....	20,000	5								
Do.....	Mar. 31....	20,000	3								
Vienna	Mar. 18....	1,606,629	681					1	1	17	1
Zurich	do.....	163,315	50						1		2

a Beriberi, 3.

By authority of the Secretary of the Treasury :

WALTER WYMAN,
Supervising Surgeon-General U. S. Marine-Hospital Service.